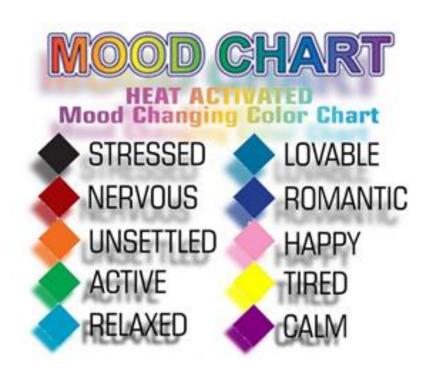
**Directions**: Use the Hub and other simulations to find the RGB values that make the colors of the Mood Ring. Fill the values into the chart and the code.



Color	RGB Value
Black	000
Red	
Orange	
Green	
Turquoise	
Cyan	
Blue	
Pink	
Yellow	
Purple	

If t<24 Then Send "SET COLOR 0 0 0" DispAt 5,"You are STRESSED" Elseif 24≤t<25 Then Send "SET COLOR " DispAt 5,"You are NERVOUS" Elseif 25≤t<26 Then Send "SET COLOR \_ \_ \_ DispAt 5,"You are UNSETTLED" Elseif 26≤t<27 Then Send "SET COLOR \_ \_ \_ " DispAt 5,"You are ACTIVE" Elseif 27≤t<28 Then Send "SET COLOR \_ \_ \_ " DispAt 5,"You are RELAXED" Elseif 28≤t<29 Then Send "SET COLOR \_ \_ \_ " DispAt 5,"You are LOVEABLE" Elseif 29≤t<30 Then Send "SET COLOR \_ \_ \_ " DispAt 5,"You are ROMANTIC" Elseif 30≤t<31 Then Send "SET COLOR \_\_\_\_" DispAt 5,"You are HAPPY" Elseif 31≤t<32 Then Send "SET COLOR " DispAt 5,"You are TIRED" Elseif t≥32 Then Send "SET COLOR \_ \_ \_ " DispAt 5,"You are CALM" Endif

**Directions**: Use colored pencils that match the mood color to draw in the inequalities used in the code above.

